

**Curriculum Vitae**  
**March 2, 2006**

**Daniel Brennan Vine, MD**  
**Principal Investigator**

*Salt Lake Office:*  
PIVOTAL RESEARCH CENTERS  
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Midvale, UT 84047  
Phone: (801) 233-0888  
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**Education:**

UNDERGRADUATE:

University of Arizona, Tucson, Arizona  
B.S. in Chemistry  
*Magna Cum Laude; Phi Beta Kappa; Phi Kappa Phi*

MEDICAL SCHOOL:

1979 – 1983            Baylor College of Medicine, Houston, Texas  
Doctor of Medicine

1978 – 1979            University of Arizona, Tucson, Arizona  
Chemical Engineer Master Program

INTERNSHIP / RESIDENCY:

1989 – 1990            University of Utah, Salt Lake City, Utah  
Clinical Neurophysiology

1984 – 1987            University of Utah, Salt Lake City, Utah  
Neurology

1983 – 1984            University of Utah, Salt Lake City, Utah  
Internal Medicine

LICENSEURE:        State Of Utah (171413-1205)

HONORS AND CERTIFICATION:

1992                    Board Certified / Neurology

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### Professional Experience:

08/04 – Present      Pivotal Research Centers, Midvale, Utah [f/k/a Pioneer Pharmaceutical Research]  
Principal Investigator

1982 – Present      Investigator in Clinical trials: over 45 industry sponsored studies

1992 – Present      Private Practice, Salt Lake City, Utah

1992 – Present      Salt Lake Regional Medical Center, Salt Lake City, Utah  
Staff Physician

1993 – Present      Davis Hospital, Layton, Utah  
Staff Physician

1988 – 1992      Pharmacology Research Corporation  
Salt Lake City, Utah

1987 – 1988      University of Utah, Salt Lake City, Utah  
Neurologic Examinations for Drug Research Center

1983 – 1990      University of Utah, Salt Lake City, Utah  
Post Doctoral Research Fellow

1981 – 1983      Fabre Clinic Clinical Drug Trials, Houston, Texas  
Clinical Research Technician

### Hospital Privileges:

Salt Lake Regional Medical Center, Salt Lake City, Utah  
Active Staff

Davis Hospital, Layton, Utah  
Active Staff

### Professional Memberships:

1992 - Present      ABPN

1990– Present      Association of Clinical Neurophysiology

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### Abstracts:

Epileptic Laughter: ictal EEG Correlates: D.Vine, R.Matsuo, J. Madsen, J.Foely, P.Gay, *American Epilepsy Society, November 1990, San Diego.*

CNS Receptor Changes in Rats Following Chronic Fluvoxamine Treatment: D.Vine, M.Madar, J.Wamsley, *VIII World congress of Psychiatry, October 1989, Athens.*

Alterations in Receptor Binding in the Rate Central Nervous System Following Chronic Treatment with Two Nerve Non-Tricyclic Antidepressants, Cloroxamine and Fluvoxamine: D.Vine, M.Madar, J.Wamsley, *Neuroscience, November 1998, Toronto.*

### Sponsored Research Experience:

- 2005-Current     **Wyeth:** XXX Treatment of Diabetic Peripheral Neuropathy
- 2005-Current     **Astra-Zeneca:** XXX Treatment of Major Depressive Disorder
- 2005-Current     **Memory Pharmaceuticals:** XXX Treatment of Mild to Moderate Alzheimer's Disease
- 2005-Current     **Predix:** XXX Treatment of Generalized Anxiety Disorder
- 2005-Current     **Forest:** XXX Treatment of Moderate to Severe Alzheimer's Disease
- 2005-Current     **GlaxoSmithKline:** XXX Treatment of Osteoarthritis of the Knee
- 2005-Current     **Neurogesx:** XXX Treatment of Post Herpetic Neurogia
- 2005-2006       **Sangamo BioSciences:** XXX Treatment of Diabetic Peripheral Neuropathy
- 2005-2006       **Cyberonics:** XXX in the Treatment of Seizures
- 2003-2004       **GlaxoSmithKline:** XXX in the Treatment of Seizures
- 2003-2004       **Janssen:** XXX for Neuroprotection in Stroke Subjects.
- 2003-2004       **Pharmacia:** XXX in the Treatment of Migraines
- 2003-2004       **Pharmacia:** XXX in the Treatment of Migraines
- 2003-2004       **Wyeth Ayerst:** XXX in the Treatment of Panic Disorders in Adolescents
- 2003-2004       **Endo Pharmaceutcals:** XXX in the Treatment of Chronic Pain
- 2002-2004       **Merck:** XXX in the Treatment of migraines in Adolescents
- 2001-2003       **Elora:** XXX in Prophylaxis Treatment of Migraines

### Sponsored Research Experience (Continued):

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- 1998            **Pharmacia:** XXX in the Treatment of Depression.
- 1990            **Bristol Myers Squibb:** XXX vs. XXX vs. Placebo in Major Depression.
- 1990            **SmithKline Beecham:** XXX vs. Placebo in Alzheimer's Dementia.
- 1990            **Eli Lilly:** XXX vs. Placebo in Geriatric Depressed Patients.
- 1989-1991     **Boots:** XXX in the Treatment of Depression and Obesity
- 1989-1991     **Boots:** XXX in the Treatment of Geriatric Depression
- 1989            **Bristol-Myers Squibb:** Long Term Safety of Transnasal XXX in patients with Chronic Pain of Non-Malignant Origin.
- 1989-1991     **Interneuron:** XXX in the Treatment of Obesity
- 1989-1991     **Eli Lilly:** XXX in the Treatment of Depression, Obesity, Bulimia, and Geriatric Depression
- 1989-1991     **Eli Lilly:** XXX in the Treatment of Depression.
- 1989-1991     **Eli Lilly:** XXX in the Treatment of Anxiety.
- 1989-1991     **Lorex:** XXX in the Treatment of Insomnia.
- 1989-1991     **Lorex:** XXX in the Treatment of Anxiety
- 1989-1991     **McNeil Laboratories:** XXX in the Treatment of Depression and Geriatric Depression
- 1989-1991     **Merck:** XXX in the Treatment of Alzheimer's Dementia
- 1989            **Miles Laboratories:** A Phase III Study of the Efficacy and Safety of XXX in Patients with Primary Degenerative Dementia.
- 1989-1991     **Parke-Davis:** XXX in the Treatment of Alzheimers's Dementia.
- 1989            **Parke-Davis:** XXX vs. Placebo and Open Label in Seizure Patients
- 1989-1991     **Pfizer:** XXX in the Treatment of Depression
- 1989-1991     **Pfizer:** XXX Replacement in the Treatment of Geriatric Depression. OCD and Panic Disorder.
- 1989-1991     **Pharmacia Upjohn:** XXX in the Treatment of Mixed Anxiety and Depression and General Anxiety
- 1989-1991     **Pharmacia Upjohn:** XXX in the Treatment of Depression
- 1989-1991     **Pharmacia Upjohn:** XXX in the Treatment of panic Disorders
- 1989-1991     **Sandoz :** XXX in the Treatment of Anxiety

#### **Sponsored Research Experience (Continued):**

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- 1989-1991      **Schwabe:** XXX in the Treatment of Dementia
- 1989-1991      **Schwarz Pharma-Besselaar:** XXX in the Treatment of high Blood Pressure
- 1989-1991      **G.D. Searle:** XXX in the Treatment of AnXIety
- 1989-1991      **G.D. Searle:** XXX in the Treatment of Alzheimer's Dementia
- 1989-1991      **SmithKline Beecham:** XXX in the Treatment of Age Associated Memory Impairment and Alzheimer's Dementia
- 1989-1991      **SmithKline Beecham:** XXX in the Treatment of Depression
- 1989-1991      **SmithKline Beecham:** XXX in the Treatment of Depression with Anxiety
- 1989-1991      **SmithKline Beecham:** XXX in the Treatment of Depression
- 1989-1991      **Wyeth Ayerst:** XXX in the Treatment of Chronic Depression, Geriatric Depression, Obesity, and Depression
- 1989-1991      **Wyeth Ayerst:** XXX and the Cardiovascular Effects in Depressed Patients

### Sponsored Research Experience (Continued):

- 1989-1991      **Wyeth Ayerst through MTEA:** XXX in the Treatment of Depression
- 1989              **Wyeth Ayerst:** XXX vs. Placebo in Obese Patients for Weight Loss.
- 1983              **Sandoz** XXX Re-Patient, 1982 – 1983
- 1982              **Mead Johnson:** XXX Phase I.